State of Wisconsin
Department of Natural Resources
PO Box 7921
Madison WI 53707-7921

High Capacity Dewatering Well Application

Form 3300-268 (R 11/02)

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Project Name and Description

Project Name and Description: 2016 LaFarge CDBG-PR

Dewatering System Property Owner

Name and Title	Company			
Village of LaFarge				
Street Address: 105 W. Main St	City: LaFarge	State: WI	ZIP Code: 54639	Contact Person: Kimberly Walker
Telephone Number: 608 625 4422	Fax Number:	E-Mail Address: Vlgof@mwt.net		

Dewatering System Operator

Name and Title	Company			
Tony Augelli President	New Age Construction LLC			
Street Address: 22102 State Hwy 14/60	City: Muscoda	State: WI	ZIP Code: 53573	Contact Person: Tony Augelli
Telephone Number: 608-739-3152	Fax Number: N/A	E-Mail Address: newageconstruction@gmail.com		

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number

Township	Range		County
T ____ N	R ____ ☐ East ☐ West	☐ City ☒ Village ☐ Civil Town of LaFarge	Vernon

Street or Grid Address (fire number)

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day
	4,872,000	5,616,000 gallons

Distance from Public Utility Well	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)
☐ Feet ☐ Miles	STORM SEWER

Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project
	13

Proposed Pump (Dewatering System) Capacity	Number of Wells/Points in Use at Any Given Time
5,616,000 gallons per minute	10

Dewatering Project Start Date (MM/DD/YYYY)	Dewatering Project Completion Date (MM/DD/YYYY)
8-15-16	10-15-16

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
Sands	0-25'	-10	-25

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
25'	12'	Jetting

Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.): Sands

Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
25'	250 WALL	STEEL	8"

Well Construction (continued)

Method of connecting well casing segments ☒ weld ☐ solvent weld ☐ threaded/mechanical	Height of well casing termination above local ground elevation (in) 2'	
Well screen material (e.g. wire wound steel, slotted PVC) JOHNSON WIRE WOUND	Well screen length (ft) 10'	Well screen diameter (in) 8"
Method of attaching screen to well casing or placing screen WELD	Type of well screen ☒ wire wound ☐ slotted pipe	Engineered gravel pack around screen ☐ yes ☒ no
Annular space seal material (e.g. bentonite, cement, native material) NATIVE MATERIAL	Method of placing annular seal (e.g. tremie pipe) HAND SHOVEL	

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
1HP + 2HP-SUB	100-400	SIMMON	TOP of PUM

Well Abandonment

Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.)
COLLAPSING FORMATION TOPPED with BENTONITE

Enclosures

☐ Plat map (project location marked)

☐ Engineering plan map of project (do not submit complete set of plans)

☐ Contamination sites (BRRTS information) with well locations and discharge location (www.dnr.state.wi.us/org/aw/rr/brrts/index.htm)

☒ Well construction diagram with dimensions

☒ Drawing of manifold design if multiple wells are connected together

☒ Discharge drawing

☒ If WPDES permit already issued, attach copy ATTACHED + Applied For

Variance Request Signature

Are you requesting a variance for the proposed well(s) to have less than 25 feet of casing or for a variance to any part of ch. NR 812, Wis. Adm. Code? If yes, property owner signature requried.

Property Owner Signature	Date Signed

Applicant

Name: Last	First	MI	Signature
Ausell	Anthony	N	

Street Address	City	State	ZIP Code	Date (mm/dd/yyyy)
2210 State Hwy 60	Muscoda	WI	53573	06/26/16

Company Name	(Area Code) Telephone Number	E-Mail Address
New Age Construction LLC	(608) 852-4469	Newage Construction LLC @ gmail.com

Department Use Only

Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	Authorized Signature
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgement Feet ☐ No Expected Significant Impact	Action: Conditions of approval are attached if approved. ☐ Approved ☐ Denied

2016 LA FA
LIFT STATION

VILLAGE
VERNON COU

SHEET INDEX

G - GENERAL SHEETS

G 1	TITLE SHEET
G 2	TYPICAL SECTIONS
G 3	SANITARY SEWER & FORC
G 4	STORM SEWER DETAILS
G 5	EROSION CONTROL DETAI

ST - SITE PLANS

ST 1	LIFT STATION SITE PLAN
ST 2	EROSION CONTROL PLAN
ST 3	LIFT STATION DEMOLITION

P - SANITARY SEWER WATER MAIN & STF

P 1-2	SILVER STREET PLAN AND

PM - PROCESS MECHANICAL

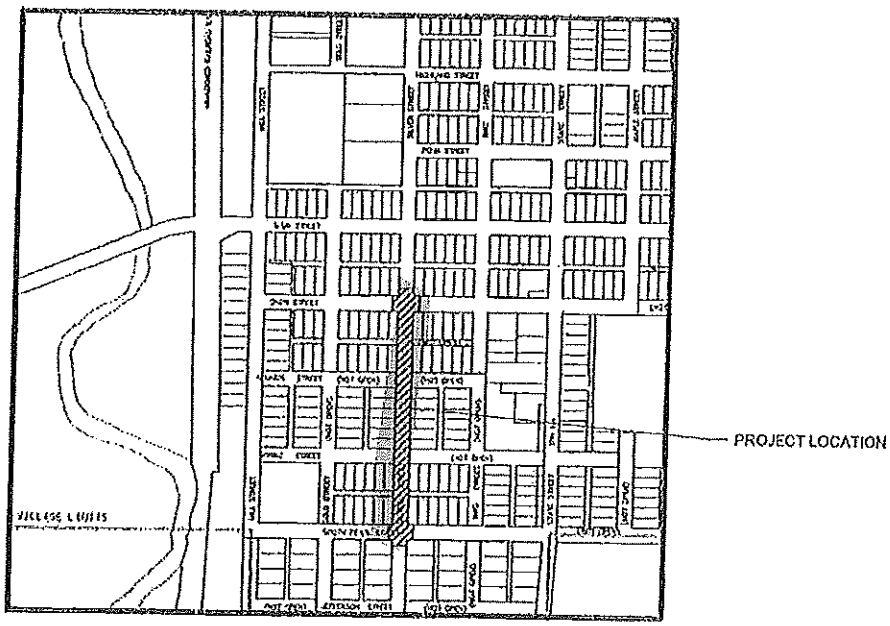
PM 1	LIFT STATION PROCESS MI

E - ELECTRICAL

E 1	ELECTRICAL ABBREVIATIO
E 2	ELECTRICAL SYMBOLS & A
E 3	ELECTRICAL LIFT STATION
E 4	ELECTRICAL ONE-LINE & PI
E 5	ONE-LINE DIAGRAM & SCAL
E 6	ELECTRICAL SITE PHOTOG
E 7	ELECTRICAL DETAILS
E 8	GENERATOR BASE DETAIL

CS - CROSS SECTION SHEETS

CS 1-7	CROSS SECTION SHEETS

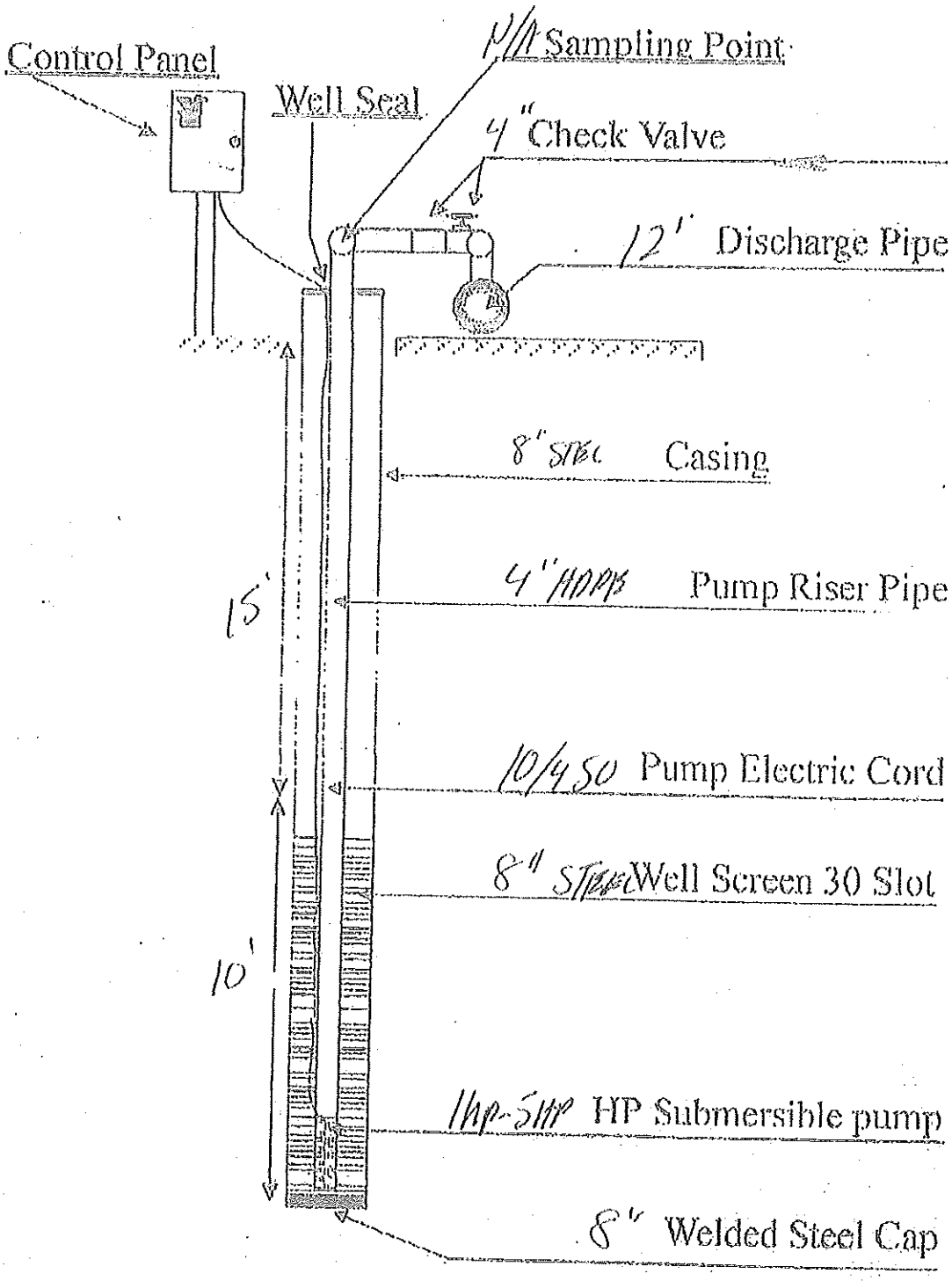


LOCATION MAP
NOT TO SCALE

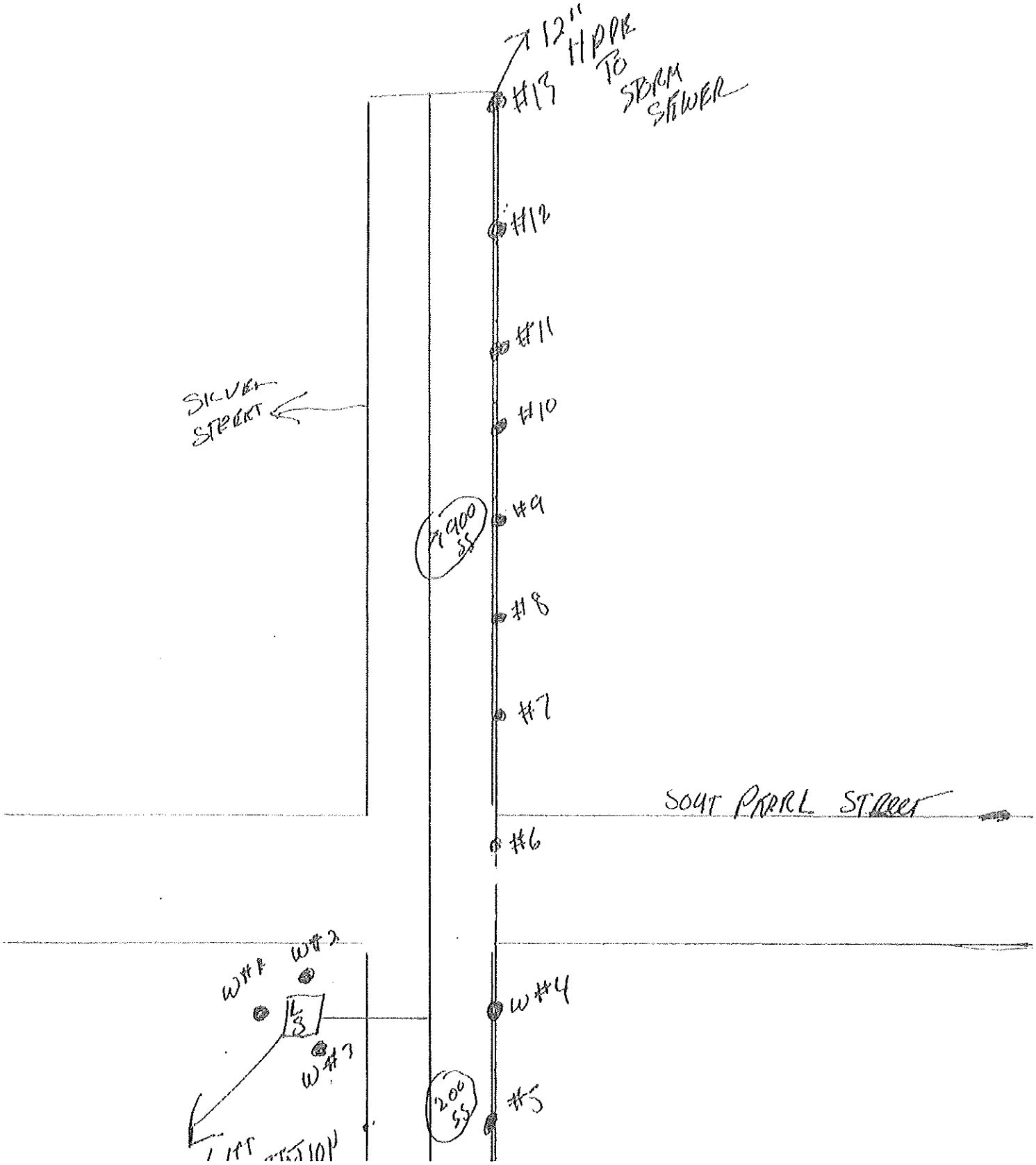
PROJECT NO. 0000000	SCALE AS SHOWN	NO	DATE	REVISION	BY
PROJECT DATE:	DRAWN BY: TAP				
FB	CHECKED BY: DMT				

MSA
ARCHITECTURE | ENGINEERING | ENVIRONMENTAL
FUNDING | PLANNING | SURVEYING
1230 South Blvd Baraboo, WI 53913
(608) 356-2771 (800) 362-4505 Fax: (608) 356-2770

DETAIL OF TYPICAL DEEP WELL CONSTRUCTION/DESIGN



Drawn By: Clyde Stephat

TYPICAL 12" HDPE DISCHARGE

VIOLA, WISCONSIN